

## Abstract

Method for an x-ray arrangement for compensation of scattered radiation and x-ray apparatus

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The invention concerns a method for an x-ray arrangement comprising two x-ray systems (1, 2) for compensation of scattered radiation. In addition, the invention concerns an x-ray apparatus with two x-ray systems (1, 2) which respectively comprise an x-ray source (4, 5) and an x-ray detector (5, 7). An x-ray scattered radiation image based on the x-ray radiation (11) scattered on a subject (P) is acquired for at least one of the two x-ray systems (1, 2), given a definite positioning of the x-ray systems (1, 2) relative to one another. The acquired x-ray scattered radiation image is saved and used for subtraction from an x-ray image acquired with the x-ray system (1, 2) in order to compensate for the influence of the scattered radiation originating from the other x-ray system (1, 2) and to achieve an improved image quality.

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Fig. 1